

Suraj A Kashyap

MCA Graduate

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Professional Summary

Motivated MCA graduate with strong skills in software development, machine learning, and cloud technologies. Experienced in developing web and mobile applications, worked on blockchain, IoT projects. Passionate about problem-solving and delivering efficient digital solutions.

Education

Master of Computer Applications, BMS College of Engineering, Bengaluru (02/2022 - 12/2023)

CGPA: 7.5

Bachelor of Computer Applications, National College Jayanagar, Bengaluru (05/2018 - 09/2021)

CGPA: 6.36

Technical Skills

- **Languages:** Python, JavaScript, SQL, HTML, CSS
- **Tools and Technologies:** Bootstrap, Git, PostgreSQL, AWS, Matplotlib, numpy, pandas, plotly, Seaborn
- **Academic Specializations:** Machine Learning, Android Development (Java)
- **Concepts:** Database Normalization, Agile Methodology, Cloud Computing, Cyber Security, Blockchain, Web Scraping, Data Visualization, Data Cleaning and Preprocessing, IoT Development
- **Soft Skills:** Analytical Thinking, Problem-solving, Communication skills

Academic Projects

- **Evento - Event and Catering Booking App** - Developed an Android application for event, florist, and catering booking with real-time chat functionality.
- **E-Commerce Portal** - Built a decentralized e-commerce platform for secure transactions without intermediaries.
- **eDoc - Doctor Appointment Booking Web App** - Developed a web application for doctor appointment booking and lab test scheduling.
- **CompShop - Online Computer Components Shop** - Designed a Python Tkinter-based application for purchasing computer peripherals with an integrated billing system.
- **Provision Weighing Device - IoT** - Created an IoT-based weighing device that alerts users via SMS when supplies run low.
- **Cross Border Fund Transfer using Hyper Ledger Fabric** - Worked on front-end development, smart contract implementation, and AWS integration.
- **GameWorld - E-commerce** - Built an e-commerce web application for purchasing computer components.
- **Train Ticketing with Train Arrival Status** - Developed a Java/JSP-based ticketing system with real-time train arrival updates.

Research Projects

- **Epileptic Seizure Detection using Machine Learning** - Implemented deep learning models (RNN, LSTM) achieving 98.80% accuracy.
- **Brain Tumor Classification and Detection using Machine Learning** - Reviewed research papers and used Canny Edge Algorithm, PCA, SVM, and ANN to achieve 96.80% accuracy as part of a mini project.
- **Epileptic Seizure Detection Research Paper** - Reviewed and summarized extensive research, then implemented models using KNN, SVM, Random Forest, Linear Regression, and other ML algorithms to achieve an overall accuracy of 97.60%.

Certifications

- The Git and GitHub Bootcamp - Udemy
- R Programming A-Z™: R For Data Science - Udemy
- Introduction to Cloud Computing on AWS - Udemy
- AWS Cloud Practitioner Essentials - edX
- Blockchain Professional - Indigenous Tech Pvt. Ltd.
- IoT Application Development - Cisco-RVCE Workshop
- Intelligent Analytics - Cisco-RVCE Workshop

Languages

- English - Full Professional Proficiency
- Kannada - Native or Bilingual Proficiency
- Tamil - Professional Working Proficiency
- Hindi - Limited Working Proficiency